Manufacturer PDF Provided by www.southeasternequipment.net

TORNADO®

Cascade 20

Recycling, Moisture-Controlled Carpet Extractor



- Extends water usage by over 7 times that of traditional carpet cleaners
- Chemical usage is also greatly reduced which saves money and reduces the impact on the environment
- Unique atomization technology delivers less moisture for drier, healthier carpets
- Provides enhanced ergonomics with an optional lightweight, wand system for those hard to reach places.
- Available with a built in Ozone generator option

Manufacturer PDF Provided by www.southeasternequipment.net

TORNADO®

Cascade 20 Recycling, Moisture-Controlled Carpet Extractor

One Machine Does it All

Carpet cleaning professionals, building service contractors, and in-house cleaning staff will appreciate the unique and innovative cleaning technology of Tornado's Cascade 20 carpet cleaning system. Delivering contractor-grade deep cleaning productivity that far surpasses other interim and restorative carpet cleaning methods, the Cascade 20 system utilizes healthier, sustainable cleaning science to reduce organic materials in the carpet to minimize odors and increase the health and safety of building occupants. Through a unique rapid recovery process that atomizes the carpet solution and controls moisture, the revolutionary, eco-friendly Cascade 20 system:

- Consumes less water and chemicals
- Minimizes the development of mold, fungus and allergens in carpets
- Delivers faster drying times so your space is clean, dry and ready in a fraction of the time of normal extraction
- Provides enhanced ergonomics with patented wand systems for those hard-to-reach places

Traditional carpet extractors can leave behind excessive moisture during the extraction process that damages the carpet, takes longer to dry and leaves dirt and residue in the carpet, reducing the life span of your carpet. With the revolutionary Cascade 20 system, you get truly deep-cleaned carpets, providing greatly reduced drying times compared to traditional extractors. What's more, the Cascade 20 system is available with an in-line Ozone Assisted™ model perfect for use in schools, hospitals, hotels, nursing care facilities, or any building concerned about carpet odors.

Innovative Cleaning Technology

Tornado's innovative solution and recovery process atomizes the cleaning solution injected into carpets to control moisture, micro-organisms and organic substances that can cause odor.

Faster: Cleaning solution is atomized in the unique and patented vacuum shoe to create a high-velocity, continuous flow of cleaning solution that rapidly injects and recovers soil and water from the carpet fibers. Reduce your dump and refill time, and reduce labor cost with machine down time being minimized.

Cleaner: While the cleaning solution is being atomized within the vacuum shoe, the solution is simultaneously suctioned back out of the carpet fibers, limiting the amount of cleaning solution that comes to rest on the backing. The result? More water is being pushed through the carpet fibers minimizing over-wetting of the backing. Moisture is controlled, carpets dry faster, and your space is clean and ready for quicker use.

Greener: Once the solution has traveled through the carpet and is suctioned back into the patented vacuum shoe, the solution travels through a four-level recycling filtration process to trap heavy and fine debris minimizing use of water and chemical.

©2019 Tacony Inc. All rights reserved.

Manufacturer PDF Provided by www.southeasternequipment.net

Control Allergens and Odor with Ozone

Effectively reduces bacteria, allergens and organic substances that cause offensive odors in carpets with Cascade 20's optional Ozone assisted models. Utilizing a technology similar to in-line water purification systems used in hot tubs, swimming pools or water-treatment plants, Cascade 20's Ozone assisted machines are perfect for use in schools, hospitals and nursing homes where carpet odor is a problem. With our Ozone-assisted system, odors are minimized immediately, leaving your space smelling fresh and clean.

Recycling Extractor Chemicals

Specially formulated for recycling extractors and containing no volatile organic compounds (VOCs) or harmful ingredients, our recycling technology minimizes your fill and re-fill efforts. One tank of chemical will perform up to seven times the amount of usage compared to other cleaning chemicals. This results in drastically reduced cost of the chemical down to 3 cents per gallon in use

Control Allergens and Odor with Ozone

Effectively reduces bacteria, allergens and organic substances that cause offensive odors in carpets with Cascade 20's optional Ozone assisted models. Utilizing a technology swimming pools or water-treatment plants, Cascade 20's Ozone assisted machines are perfect for use in schools, hospitals and nursing homes where carpet odor is a problem. With our Ozone-assisted system, odors are minimized immediately, leaving your space smelling fresh and clean.

Do More with Less

Labor is the single greatest expense facing in-house service providers and building service contractors. And in an era of tight budgets, custodial supervisors and managers are being asked to "do more with less" — maintain larger floor areas with less staff. The Cascade 20 cleaning system not only consumes fewer cleaning resources and labor, it extends the need for restorative cleaning cycles and delivers superior results

Specialty Tools

The Cascade 20 can also be used as a workstation with Tornado's patented, high performance hand and floor tools to clean congested carpeted areas, upholstery, fabric or covered walls and fabric partitions. The unit can even be used on hard surfaces such as grouted tile, walls and floors.

©2019 Tacony Inc. All rights reserved.

Manufacturer PDF Provided by www.southeasternequipment.net

TORNADO®

Recycling, Moisture-Controlled Carpet Extractor

PRODUCT	CASCADE 20	CASCADE 20 WITH OZONE ASSIST
Model Info	Standard Unit	with Ozone Assist
Catalog Number (Kit)	98858	98862
Catalog Number (Unit Only)	98856	98860
Tank Size	25 gal. / 94.6 l	25 gal. / 94.6 l
Machine Dimensions (LxWxH)	29 in x 41 in x 22 in 74 cm x 104 cm x 56 cm	29 in x 41 in x 22 in 74 cm x 104 cm x 56 cm
Weight	124 lbs. / 56 kg	124 lbs. / 56 kg
Vacuum Motor	Dual - 2 stage	Dual - 2 stage
Waterlift	150 in / 381 cm	150 in / 381 cm
CFM	101	101
Solution Pump (Adjustable p.s.i.)	500 p.s.i. / 34.5 BAR	500 p.s.i. / 34.5 BAR
Power	115V	115V
Power Cord	25 ft. detachable 8 m detachable	25 ft. detachable 8 m detachable
Parts / Labor Warranty	1 year*	1 year*
Tank Warranty	5 years*	5 years*
ACCESSORIES (Below accessories are included with kits)		
11" Rapid Recovery Wand (Type R)	77000	77000
3" Combination Tool	77001	77001
33' Flexible Hose	77002	77002

* Note: See full warranty for details

©2019 Tacony Inc. All rights reserved.